

Modular Approval Request Letter**FCCID:XCO-HSDWAM83****Data:****Nov.7, 2013****Gentlemen:**

Theres an Wireless module that would like to ha ve your authorization as a modular approval.

The specific product as below, Wireless module, with its designed features and specified description, meets special requirements for Part 15.212:

Company	: Hansong (Nanjing) Technology Ltd.
Model Name	: Wireless module
Model Number	: HSDWAM83
FCC ID	: XCO-HSDWAM83

Requirement of Part 15.212	Reference to HSDWAM83
1. The modular transmitter must have its own RF shielding.	The module has its own RF shielding. Please see external photo.pdf
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, it is integrated in DARR83 (Baseband) IC. Please see schematic.pdf
3. The modular transmitter must have its own power supply regulation.	The modular transmitter has onboard 2.8V regulator (LDO) and the DARR83 (Baseband) IC has internal 1.2V LDODs for power supply regulation.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	PCB antenna is applied.
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	The HSDWAM83 was tested in a stand-alone configuration. Please see conducted set-up photo.pdf and spurious set-up photo.pdf
6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The label position of HSDWAM83 is clearly indicated. Please see the label.pdf
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	The HSDWAM83 is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see Installation guide.pdf
8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).	The HSDWAM83 comply with applicable RF exposure requirements. Please see RF safety evaluation.pdf

Thank you.**Sincerely,****Wyn B. Wang / President****Hansong (Nanjing) Technology Ltd.**

HANSONG

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